



## Six Cylinder Design = \$500 Savings per System

### Challenge:

A customer who manufactures machines that assemble PVC strips for the use of cooling towers at nuclear power plants was using over 72 individual cylinders for each machine. The customer wanted to reduce costs without changing the envelope dimensions of their existing design.

### Solution:

Bimba's Application Engineers designed six Flat Square cylinders into one product using an elongated rod guide and rear head design. This reduced the quantity of cylinders needed per machine from 72 to 12. Significant cost savings, approximately \$500 per system, were attained because the customer was able to eliminate individual flow controls and fittings and valves for each cylinder.



### Benefits:

- \$500 savings per system.
- Reduces plumbing and decreases overall cost.
- Lower cylinder quantity cuts unit costs.

### Other Applications:

- Assembly
- Raising/Lowering Gates
- Conveyor Stops

